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FAX COVER SHEET

DATE: February 10, 2004

FROM: Steven Patrick

TO: Office of Initial Patent Examination's Filing Receipt Corrections

RE: Application number 10/692,483
(U.S. filing of Japanese Patent Application No.163428/2001).

OUR DOCKET NO.: 971-28-001

FAX NO.: 703-746-9195

MESSAGE: To whom it may concern -

The above-identified patent application was filed with a proper priority claim to an earlier-filed Japanese application under 35 USC 371. However, the priority claim is not noted on the Filing Receipt. The enclosed Filing Receipt is marked-up to show that the application claims the benefit of PCT/JP02/03075 under 35 USC 371.

Please find the attached supporting documentation:

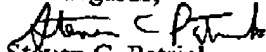
- a copy of the transmittal filed with the application which makes the priority claim.
- a copy of page 1 of the application as filed which makes the priority claim.

These should establish that the priority claim was properly made.

Please let me know if there is anything else we need to do for the priority claim to be acknowledged.

Thank you.

Best regards,


Steven C. Patrick

NUMBER OF PAGES (Including cover): 5

PATENT
971-28-001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Atsumi et al.

Serial No. 10/692,483

Filed: October 23, 2003

Art Unit: 2131

Title: RANDOM NUMBER GENERATION APPARATUS

Office of Initial Patent Examination's Filing Receipt Corrections
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR FILING RECEIPT CORRECTION

The above-identified patent application was filed with a priority claim to an earlier-filed Japanese application under 35 USC 371. However, the priority claim is not noted on the Filing Receipt. The enclosed Filing Receipt is marked-up to reflect the priority claim, such that it indicates that the application claims the benefit of PCT/JP02/03075 under 35 USC 371.

Please find the attached supporting documentation:

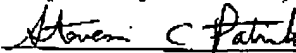
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- a copy of page 1 of the application as filed which makes the priority claim.

These should establish that the priority claim was properly made. Please let me know if there is anything else we need to do for the priority claim to be acknowledged on the filing receipt.

Please note that a reply to a Notice of Missing Parts was filed for this case on February 9, 2004.

February 10, 2004

Respectfully submitted,



Steven C. Patrick
Registration No. 40,341
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UNITED STATES PATENT AND TRADEMARK OFFICE

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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/692,483	10/23/2003	2131	770	971-28-001	7	6	1

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CONFIRMATION NO. 3451

FILING RECEIPT



OC000000011774739

Date Mailed: 01/28/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Osamu Atsumi, Sagamihara-shi, JAPAN;
Fumio Mita, Sagamihara-shi, JAPAN;

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FEB - 2 2004

Assignment For Published Patent Application

SANGIKYO CORPORATION;
SANTEKUTO CORPORATION;

KOPPEL, JACOBS, PATRICK & HEYBL

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP02/03075 3/28/2002
Foreign Applications

JAPAN 183428/2001 04/24/2001
JAPAN PCT/JP02/03075 03/28/2002

If Required, Foreign Filing License Granted: 01/28/2004

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

CALENDAR ENTRY

ACTION IDS

CALENDAR FOR 1/23/04

CALENDAR ENTRY

ACTION Convention Date

CALENDAR FOR 10/23/04

CALENDAR ENTRY

ACTION CK Appl. Status

CALENDAR FOR 4/23/05

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October 23, 2003

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: RANDOM NUMBER GENERATION APPARATUS
Docket No. 971-28-001

Sir:

Transmitted herewith for filing under 35 U.S.C. 111, 35 U.S.C. 371 and 37 CFR 1.53 is the patent application of Osamu Atsumi and Fumio Mita entitled RANDOM NUMBER GENERATION APPARATUS.

This application claims the benefit of Japanese patent application number 163428/2001, filed in Japan on April 24, 2001, which was also filed as a PCT application which designated the U.S. on March 28, 2002, and was assigned International Application Number PCT/JP02/03075.

Enclosed are:

16 pages of English translation of Japanese patent application No. 163428/2001, filed 4/24/01.
7 sheets of drawings plus 2 copies.
Unexecuted Declaration and Power of Attorney
Copy of Int'l Publication W0 02/091167 A1, published 11/14/02
Copy of PCT/IB/308
Copy of PCT/IB/304
Information Disclosure Statement and PTO Form 1449 with references.

The filing and recording fees have been calculated as shown below:

Basic Fee				\$770.00
Total Claims	(6-20)	x	\$18.00	= 0.00
Independent Claims	(1-3)	x	\$86.00	= 0.00
Total Fee:				\$770.00

Our Check No. 20820 for \$770.00 to cover the filing and recording fees is enclosed. We authorize the Commissioner to charge (1) payment of any additional filing fees required under 37 CFR §1.16, (2) payment of any patent application processing fees under 37 CFR §1.17 associated with this communication, or (3) payment of any fees that occur during the pendency of this application (and to credit

SPECIFICATION

RANDOM NUMBER GENERATION APPARATUS

PRIORITY CLAIM

This application claims the benefit of Japanese patent application number 163428/2001, filed in Japan on April 24, 2001. Japanese patent application number 5 163428/2001 was also filed as a PCT application which designated the U.S. on March 28, 2002, and was assigned International Application Number PCT/JP02/03075.

FIELD OF THE INVENTION

10 This invention relates to a random number generation apparatus for generating random numbers to be used for ID passwords or various kinds of encryption keys for information security.

15 DESCRIPTION OF THE RELATED ART

To improve security of ID passwords and various kinds of encryption keys, it is necessary that an appearance probability of 1 or 0 (hereafter, called as "1/0") be equal to a probability of $\frac{1}{2}$, and that proper random numbers, in 20 which each bit is independent and there is no correlation between bits, be used.

A die or coin cannot actually be shaken to generate proper random numbers, and such numbers are often generated using physical random numbers, which are acquired by